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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/634,241

08/05/2003

Nobuhiro Sato

35997

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7590

09/06/2006

PEARNE & GORDON LLP

1801 EAST 9TH STREET

SUITE 1200

CLEVELAND, OH 44114-3108

EXAMINER

BLOUIN, MARK S

ART UNIT

PAPER NUMBER

2627

DATE MAILED: 09/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/634,241	SATO ET AL.	
	Examiner	Art Unit	
	Mark Blouin	2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

Detailed Action

Response to Amendment

- The reply filed on July 17, 2006 was applied to the following effect: Claims 1,2,11,13,14, and 16 were amended and Claim 15 was cancelled.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-14 and 16-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Kim (US 5,862,468).
3. Regarding Claims 1,13, and 16, Kim shows (Figs. 3-4) an electronic apparatus comprising a frame member (100) attached to a front part of an apparatus body; a movable member (200) movably supported on an inside of the frame member; and driving means (430) wherein the for driving the movable member is rotated around a first shaft (Col 5, line 40 – hinge pin), wherein an initial movement from an accommodation position inside the frame member of the movable member by the driving means has a movement component a forward direction with respect to the apparatus body at a position of the first shaft and a position of a front end of the moveable member which is at an opposite end an side to the first shaft, while a lower part the movable member moves in forward and backward directions of the apparatus body by a driving operation of the driving means to open and close the front part of the apparatus body (directions shown in figure 4A to 4B), and an upper end is displaced only a downward direction in a vertical

direction of the apparatus body when the movable member in the most erected state is rotated, and a component in a direction orthogonal to the forward direction in a position of a front end which is opposite to the first shaft is set in a direction of the first shaft side (directions shown in figure 4A to 4B).

4. Regarding Claim 2, Kim shows (Figs. 3-4) the electronic apparatus wherein the first shaft (Col 5, line 40 – hinge pin) and the front end of the movable member initially move in parallel each other, when the movable member (200) moves from an accommodation position.

5. Regarding Claim 3, Kim shows (Figs. 3-4) the electronic apparatus wherein the driving means includes a sliding member (490) for moving a lower part of the movable member in forward and backward directions, and the first shaft is rotatably coupled to the sliding member.

6. Regarding Claims 4, 5, and 6, Kim shows (Figs. 3-4) the electronic apparatus wherein the movable member (200) has a second shaft (230) in both side portions, and the frame member has a guide groove (190) for slidably guiding the second shaft, further comprising an energizing means, a spring (15), for forward energizing the second shaft side of the movable member in the accommodation position.

7. Regarding Claim 7, Kim shows (Figs. 3-4) the electronic apparatus wherein the guide groove (190) has an upper end for guiding the second shaft in a forward direction with respect to the apparatus body.

8. Regarding Claim 8 and 14, Kim shows (Figs. 3-4) the electronic apparatus wherein the driving means includes a sliding member (490) for moving a lower part of the movable member in forward and backward directions, the first shaft (Col 5, line 40 – hinge pin) is rotatably coupled to the sliding member (490), the movable member has a second shaft (230) in both side

Art Unit: 2627

portions, the frame member has a guiding the second shaft, and the front end of the movable guide groove for slidably member, the second shaft, and the first shaft are positioned from a forward side to a rearward side of the apparatus body in this order.

9. Regarding Claim 9, Kim shows (Figs. 3-4) the electronic apparatus wherein the movable member has a projection (270), the frame member has a guide groove (310) in a position corresponding to the projection of an internal wall surface, and the projection is inserted into the guide groove when the movable member comes to be accommodated.

10. Regarding Claim 10, Kim shows (Figs. 3-4) the electronic apparatus further comprising a rubber pad (8) on an opposed surface of the guide groove.

11. Regarding Claims 11 and 12, Kim shows (Figs. 3-4) the driving and positioning methods, respectively, by virtue of the operation and function of the apparatus.

12. Regarding Claim 17, Kim shows (Figs. 3-4) the electronic apparatus wherein the driving means includes a sliding member (490) for moving a lower part the apparatus body in forward and backward directions, and the first shaft (Col 5, line 40 – hinge pin) is rotatably coupled to the sliding member.

13. Regarding Claim 18, Kim shows (Figs. 3-4) the electronic apparatus, wherein the movable member (6) has a second shaft (230) in both side portions, and the frame member has a guide groove (190) for slidably guiding the second shaft.

14. Regarding Claim 19, Kim shows (Figs. 3-4) the electronic apparatus, wherein the driving means includes a sliding member (490) for moving a lower part of the apparatus body in forward and backward directions, the first shaft (Col 5, line 40 – hinge pin) is rotatably coupled to the sliding member, the movable member has a second shaft (230) in both side portions, the frame

Art Unit: 2627

member has a guide groove (190) for slidably guiding the second shaft, and the first shaft, the front end of the movable member, and the second shaft (230) are positioned from a forward side to a rearward side of the apparatus body in this order.

Response to Arguments

15. Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

16. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Blouin whose telephone number is 571-272-7583. The examiner can normally be reached on M-F from 6:00 to 3:30 pm.

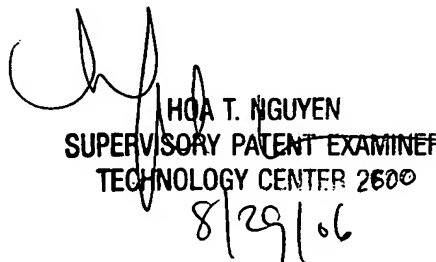
Art Unit: 2627

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa Nguyen, can be reached on 571-272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Mark Blouin
Patent Examiner
Art Unit 2627
August 21, 2006



HOA T. NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600
8/29/06